

PROPOSED

August 20, 2003

[Issuance Date]

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

03-xxxE CAB
File No. 0212-18

Mr. James Kappel
Vice President, Refinery Operations
Tesoro Hawaii Corporation
P.O. Box 3379
Honolulu, Hawaii 96842

Dear Mr. Kappel:

Subject: Amendment of Covered Source Permit (CSP) No. 0212-01-C
Significant Modification Application No. 0212-18
Flare Gas Vapor Recovery System
Tesoro Hawaii Corporation
Petroleum Refinery
Located at: 91-325 Komohana Street, Kapolei, Oahu
Date of Expiration: July 1, 2005

In accordance with Hawaii Administrative Rules, Chapter 11-60.1, and pursuant to your application for a Significant Modification dated November 11, 2002, and additional information dated March 31, 2003, the Department of Health hereby amends Covered Source Permit (CSP) No. 0212-01-C issued to Tesoro Hawaii Corporation on July 6, 2000. The amendment revises the Flare and the Miscellaneous Emission Sources and Requirements sections of the permit.

The following amended permit conditions supersedes the corresponding permit conditions of CSP No. 0212-01-C issued on July 6, 2000 and amended on October 8, 2001 and April 15, 2003:

1. Attachment II(L), Special Condition No. C.5.

____The flare gas vapor recovery system (VRS) shall recover no less than 85 MMSCF of offgas per any rolling twelve (12) month period.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-90)¹

2. Attachment II(L), Special Condition No. D.3.

____The permittee shall install and maintain a device for recording the amount of offgas being recovered by the flare gas vapor recovery system (VRS).

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-11, §11-60.1-90)¹

3. Attachment II(L), Special Condition No. D.4.

The permittee shall keep records of the quantity of offgas recovered by the flare gas vapor recovery system (VRS) in MMSCF on a monthly and rolling twelve (12) month basis.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-11, §11-60.1-90)¹

4. Renumber Attachment II(L), Special Condition No. D.3. to Special Condition No. D.5.

5. Attachment II(L), Special Condition No. E.5.

The permittee shall submit **semi-annually** written reports to the Department of Health for monitoring purposes. The report shall be submitted **within sixty (60) days after the end of each semi-annual calendar period (January 1 to June 30 and July 1 to December 31)** and shall include the following:

- a. Results of any Method 22 visible emissions test performed. Include the time and date of test and the corrective actions taken.
- b. The monthly and rolling twelve (12) month quantity of offgas recovered by the flare gas vapor recovery system (VRS) in MMSCF. The **Monitoring Report Form: Flare Gas Vapor Recovery System**, shall be used for reporting the quantity of offgas recovered.
- c. Any deviations from permit requirements shall be clearly identified.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-90, §11-60.1-174; 40 CFR §63.654)¹

6. Attachment II(O), Special Condition No. B.1.

All valves, pumps, pressure relief devices, sampling connection systems, open-ended valves or lines, and flanges or other connectors *in VOC service* as defined in §60.481 of 40 CFR Part 60, Subpart VV, at the Crude Distillation Unit (CDU), Vacuum Distillation Unit (VDU), Distillate Hydrocracker Unit (DHC), Asphalt Manufacturing Unit (AMU), Visbreaker Unit (VBK), Mercaptan Treatment Units, Amine Treatment Unit (ATU), Light Ends Recovery Unit (LERU) except for T2501 (Deethanizer) and T2502 (C3/C4 Splitter), Fuel Gas System in the Utilities Area, the Flare Gas Vapor Recovery System, and Compressors C103, C602C, C901, C1180 and C2503, are subject to the provisions of the following federal regulations:

- a. 40 CFR Part 60, New Source Performance Standards (NSPS)
 - i. Subpart A, General Provisions; and
 - ii. Subpart GGG, Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries.

The permittee shall comply with all applicable requirements of these standards, including all emission limits, notification, reporting, monitoring, testing and recordkeeping requirements. The major requirements of these standards are detailed in the special conditions of this permit.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161, 40 CFR §60.1, §60.590)¹

7. Included **Monitoring Report Form: Flare Gas Vapor Recovery System** to permit. See attachment.

All other permit conditions of CSP No. 0212-01-C issued on July 6, 2000 and amended on October 8, 2001 and April 15, 2003, shall not be affected and shall remain valid.

Receipts for the application filing fees totaling \$1,200.00 are enclosed.

If there are any questions regarding these matters, please contact Mr. Darin Lum of the Clean Air Branch at (808) 586-4200.

Sincerely,

THOMAS E. ARIZUMI, P.E., CHIEF
Environmental Management Division

DL:lk

Enclosures

c: CAB Enforcement Section

PROPOSED

August 20, 2003

**MONITORING REPORT FORM
FLARE GAS VAPOR RECOVERY SYSTEM
COVERED SOURCE PERMIT NO. 0212-01-C****[Amended Date]****Expiration Date: July 1, 2005**

In accordance with the Hawaii Administrative Rules, Title 11, Chapter 60.1, Air Pollution Control, the permittee shall report to the Department of Health the following on a semi-annual basis:

(Make copies for Future Use)

For Period: _____ Date: _____

Facility Name: _____

Equipment Location: _____

Equipment Description: _____

I certify that I have knowledge of the facts herein set forth, that the same are true, accurate and complete to the best of my knowledge and belief, and that all information not identified by me as confidential in nature shall be treated by the Department of Health as public record.

Responsible Official (PRINT): _____

TITLE: _____

Responsible Official (Signature): _____

MONTH	QUANTITY OF OFFGAS RECOVERED - MONTHLY BASIS (MMSCF)	QUANTITY OF OFFGAS RECOVERED - ROLLING 12 MONTH BASIS (MMSCF)
January		
February		
March		
April		
May		
June		
July		
August		
September		
October		
November		
December		